

ABSTRACT

The present invention provides a system and method for radio video transmission which switches a radio frequency band or a compression rate for video data to enable appropriate video transmission even if a radio environment is degraded. A pair of a transmitter 10 and a receiver 20 transmits video data in the radio environment. The receiver 20 periodically transmits a status message to the transmitter 10. If the transmitter 10 fails to receive reception of the periodically transmitted status message, the failure is used as a trigger to cause the transmitter 10 to switch the channel (radio frequency band) or the video data compression rate. It is therefore possible to switch the radio frequency band or video data compression rate for the transmitter 10 and receiver 20 even if the radio environment is degraded.